

Amendments to the Specification:

Please amend the text as follows:

Page 1, line 5, please insert:

--BACKGROUND OF THE INVENTION

1. Field of the invention--

Page 1, line 15, please insert:

-- 2. Description of the prior art--

Page 4, line 5, please insert:

--OBJECT OF THE INVENTION--

Page 4, line 11, please insert:

--SUMMARY OF THE INVENTION--

Page 5, line 23, please insert:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 6, line 18, please insert:

--DESCRIPTION OF THE PREFERRED EMBODIMENTS--

Please replace the paragraph at page 4, lines 18-23,
with the following new paragraph:

For this purpose, the rotary machine according to
the invention capable of generating a flux of fluid,
comprising a rotor bearing a fitting in the form of a crown,
at least partly made in a flexible material permeable to
fluids, means for driving the rotor into rotation at a

variable velocity, characterized in that it comprises self-cleaning means comprising as a combination:

- control means capable of acting on the aforesaid means for driving the rotor into rotation with a variable velocity so as to generate a sudden change in the rotational velocity of said rotor,
- coupling means between a first face of the fitting and the aforesaid driving means, and
- an annular part borne by a second face of the fitting so that due to the inertia of this annular part, said sudden change in the rotational velocity of said rotor generates a process of torsion and/or compression of the fitting and consequently said self-cleaning of this fitting.